

VMware vCloud Director: Tenant Operations

Course Overview

In this five-day course, you focus on configuring and managing VMware vCloud Director® for Service Providers 10.x Tenant Operations. You learn about self-service provisioning, the creation of certain organization virtual data center networks, vApp and its networks, catalog services that include predefined virtual machines, and on-demand VMware NSX® networks.

This course covers integrating vCloud Director with VMware vRealize® Orchestrator™ and the use of VMware vCloud® Availability for vCloud Director®. You will understand how to manage multisite, cross-VDC networking for vCloud Director. You will also understand how to use Central Point of Management (CPOM) to define a software-defined datacenter (SDDC) for tenant users of vCloud Director. This course also discusses how to monitor various vCloud Director objects using VMware vRealize® Operations Manager™.

Course Objectives

By the end of the course, you should be able to meet the following objectives:

- Understand role-based access control and custom roles
- Manage a vCloud Director organization's VDC and vApps
- Manage virtual machines using sizing and placement policies
- Create and share vCloud Director catalogs and vApp templates
- Describe and use CPOM to view dedicated VMware vSphere® datacenters in the tenant portal
- Configure networking for organizations and vApps with the help of VMware NSX®
- Configure the integration with vCloud Availability for vCloud Director
- Transfer virtual machine workloads from vSphere into and out of vCloud Director sites and between vCloud Director sites for customer onboarding
- Manage multisite deployment as a tenant administrator
- Know how to integrate vRealize Orchestrator and use the existing workflows
- Monitor vCloud Director using vRealize Operations Manager
- Know the new features of vCloud Director 10.x tenant operations

Target Audience

Experienced service provider customers, system engineers, datacenter administrators, and tenant administrators with experience in managed services environment

Prerequisites

This course requires completion of one of the following courses:

- [VMware vSphere: Install, Configure, Manage \[V6.x\]](#)
- [VMware vCloud Director: Install, Configure, Manage \[V9.x\]](#)

Course Delivery Options

- Classroom
- Live Online
- [Onsite](#)

Product Alignment

- VMware vSphere 6.7 U2
- VMware vRealize Orchestrator 7.6
- VMware NSX® Data Center for vSphere® 6.46
- VMware NSX-™ Data Center 2.4
- VMware vRealize Operations Manager 7.5
- VMware vCloud Availability for vCloud Director 3.5

Course Modules

1 Course Introduction

- Introductions and course logistics
- Course objectives

2 Introduction to vCloud Director, Service Provider, and Tenant Portal

- Explain vCloud Director concepts
- Outline the preconfigured tasks by the service provider
- Describe and understand the tenant portal use cases

3 User Access Control

- Discuss users and groups
- Understand the custom roles
- List the user roles
- Discuss role-based access control (RBAC)

4 Administering Virtual Machines

- Create a standalone virtual machine
- Perform virtual machine operations
- Manage virtual machine properties

5 Working with vApps

- Create virtual machines in a vApp
- Manage catalogs
- Share catalogs
- Discuss vApp templates

6 Organization VDC Networking

- Understand organization VDC networks
- List the types of organization VDC networks
- Describe the edge gateway services
- List the enhanced NSX-T supported features from the tenant portal

7 vApp Networking

- Create and manage vApp networks
- List the various types of vApp networks
- Discuss vApp fencing
- Discuss routed, isolated, and direct vApp networks

8 vCloud Extensibility

- Discuss vCloud Availability for vCloud Director
- Migrate virtual machines from cloud to cloud
- Migrate virtual machines from on-premises to cloud
- Integrate vRealize Orchestrator with vCloud Director
- Work with swagger, vCloud API, vCD CLI, and VMware PowerCLI™

9 Multisite Deployment and CPOM

- Discuss multisite deployments
- Configure cross VDC networking
- Define software-defined data center (SDDC)
- Familiarize with SDDC and SDDC proxy
- Use enhanced Central Point of Management (CPOM) through tenant portal

10 Monitoring vCloud Director Resources

- Monitor resources from the tenant portal
- Monitor vCloud Director objects with vRealize Operations Manager
- Understand dashboards, metrics, alerts, and reports

11 vCloud Director 10.x Tenant New Feature

- Describe name disk feature
- Describe VM sizing and VM placement policies
- Describe object storage extension

Contact

If you have questions or need help registering for this course, click [here](#).



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